



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, PE
Executive Director

SHANE M. MARSHALL, PE
Deputy Director

April 11, 2016

TO ALL BIDDERS CONCERNED:

SUBJECT:

F-180-4(159)186 / Pin 006997
I-80; Castle Rock to Wyoming State Line
Addendum Number: 3

To Whom It May Concern:

We are submitting the following changes to the subject project.

1. The Bid Opening has been revised. The Bid Opening date has been changed from April 12, 2016 to **April 21, 2016**.
2. The "Bidding Schedule" has been revised.

Bidders must download the revised Bidder's Schedule "Bid Item Version 2" from the UDOT website at <http://www.udot.utah.gov/index.php?m=c&tid=317>

Item No. 20, 02721001P "Untreated Base Course – Shouldering (Contingency Item)" quantity has been changed from 216,059 ft to 1,800 ft.

Item No. 23, 02737003* "Expansion Relief" quantity has been changed from 817 sq yd to 1,634 sq yd.

3. The "Measurement and Payment" has been revised.

Item No. 23, 02737003* "Expansion Relief" on page 2 of 4 has been revised to include additional inclusions and information about work next to concrete barrier or guardrail

4. PDBS Project Summary Report has been revised.

Item 02721001P "Untreated Base Course – Shouldering (Contingency Item)" on page 1 of 3 quantity has been changed from 216,059 ft to 1,800 ft.

Item 02737003* "Expansion Relief" on page 1 of 3 quantity has been changed from 817 sq yd to 1,634 sq yd.

5. PDBS Project Detail Stationing Summaries has been revised.



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Item 02721001P "Untreated Base Course – Shouldering (Contingency Item)" on page 4 of 6 quantities have been changed resulting in a total quantity change from 216,059 ft to 1,800 ft.

Item 02737003* "Expansion Relief" on pages 5 of 6 and 6 of 6 quantities have been changed resulting in a total quantity change from 817 sq yd to 1,634 sq yd.

6. Plan Sheet DT-01 has been revised.

Plan Sheet DT-02 has been revised.

Please consider these revisions before submitting your bid.

***** ADDENDUM IS AVAILABLE AND MAY BE DOWNLOADED FROM THE UDOT WEBSITE AT <http://eprpw.dot.utah.gov>**

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED WHEN YOU SUBMIT YOUR BID.
YOUR BID WILL BE DECLARED NON-RESPONSIVE IF YOU DO NOT ACKNOWLEDGE
THIS ADDENDUM.**

Sincerely,

A handwritten signature in blue ink that reads "Daniel S. Young".

DANIEL YOUNG
Project Manager

Attach:



Measurement and Payment

Project # F-180-4(159)186

04/06/2016

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Item #	Bid Item Number	Bid Item Name	UOM				
1	00830001U	On the Job Training	hour				
<p>Training Commitments listed in the Table of Contents for Federal projects, XI & 5 http://www.udot.utah.gov/main/f?p=100:pg:::::1:T,V:1940</p>							
2	012850010	Mobilization	lump sum				
<table border="0" style="width:100%"> <tr> <td style="text-align:center">Amount Paid</td> <td style="text-align:center">When Paid</td> </tr> <tr> <td> The lesser of 25% of Mobilization or 2.5% of contract The lesser of 50% of Mobilization or 5% of contract The lesser of 75% of Mobilization or 7.5% of contract The lesser of 100% of Mobilization or 10% of contract Amount bid in excess of 10% of contract price. </td> <td> With first estimate With estimate following completion of 5% of contract With estimate following completion of 10% of contract With estimate following completion of 20% of contract Project Acceptance-Final </td> </tr> </table> <p>Includes all costs associated with Railroad Flagging, inspection, and cleanup crew according to Section 00725.</p>				Amount Paid	When Paid	The lesser of 25% of Mobilization or 2.5% of contract The lesser of 50% of Mobilization or 5% of contract The lesser of 75% of Mobilization or 7.5% of contract The lesser of 100% of Mobilization or 10% of contract Amount bid in excess of 10% of contract price.	With first estimate With estimate following completion of 5% of contract With estimate following completion of 10% of contract With estimate following completion of 20% of contract Project Acceptance-Final
Amount Paid	When Paid						
The lesser of 25% of Mobilization or 2.5% of contract The lesser of 50% of Mobilization or 5% of contract The lesser of 75% of Mobilization or 7.5% of contract The lesser of 100% of Mobilization or 10% of contract Amount bid in excess of 10% of contract price.	With first estimate With estimate following completion of 5% of contract With estimate following completion of 10% of contract With estimate following completion of 20% of contract Project Acceptance-Final						
3	013150010	Public Information Services	lump sum				
<table border="0" style="width:100%"> <tr> <td style="text-align:center">Amount Paid</td> <td style="text-align:center">When Paid</td> </tr> <tr> <td> 25% of bid item amount. Remaining portion of bid item paid as a percentage of the contract completed. </td> <td> With first estimate With each subsequent estimate </td> </tr> </table>				Amount Paid	When Paid	25% of bid item amount. Remaining portion of bid item paid as a percentage of the contract completed.	With first estimate With each subsequent estimate
Amount Paid	When Paid						
25% of bid item amount. Remaining portion of bid item paid as a percentage of the contract completed.	With first estimate With each subsequent estimate						
4	01554000P	Traffic Control	lump sum				
<p>Stripe traffic lanes or provide temporary striping before removing traffic control.</p>							
5	01557001*	Maintenance of Traffic	lump sum				
<p>Amount paid is 25% of the bid item amount. Remaining portion of bid item paid as a percentage of the contract completed.</p> <p>Paid with the first estimate and then with each subsequent estimate.</p>							
6	015710025	Check Dam - 12 Inch Fiber Roll	foot				
<p>Measured along centerline of fiber roll</p>							
7	015710030	Silt Fence	foot				
8	015710075	Drop-Inlet Barrier - 18 Inch Fiber Roll	foot				
<p>Measured along centerline of fiber roll</p>							
9	015720020	Dust Control and Watering	1000 gallons				
10	02076001*	Armored Flexible Channel Liner	foot				
<p>Measured along centerline of channel line.</p>							
11	02318001P	Small Ditch Excavation (Plan Quantity)	cubic yard				
<p>Clean around but do not disturb tipped or fallen concrete panels.</p>							
12	02610000P	Remote Video Inspection (Contingency Item)	foot				
<p>Includes cleaning and remote inspection. Estimated quantities are based on preliminary field review and inspection for bidding purposes only. The quantity for this item is based on current information available. Remote Video Inspection quantity may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities performed will be paid at the contract unit price for this item and are not subject to change. Actual quantities needed for Remote Video Inspection will be determined by the Engineer.</p>							
13	026101616	18 Inch - Reinforced Concrete Pipe, Irrigation/Storm Drain, Class C	foot				
<p>A. Measured along centerline of pipe B. Trench excavation, pipe bedding and backfill as shown in the Standard Drawings are incidental to construction and no separate payment will be made. C. Connections to drainage structures or features are incidental to construction and no separate payment will be made. D. No separate payment will be made for required inspection and testing.</p>							
14	02615001*	Contractor Selected Pipe Rehabilitation - 24 Inch (Contingency Item)	foot				
<p>A. Measured along centerline of pipe. B. Includes all labor, equipment, coordination, and materials to complete pipe rehabilitation.</p>							

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Item #	Bid Item Number	Bid Item Name	UOM
		<p>C. No separate payment will be made for required inspection and testing.</p> <p>D. Estimated quantities are based on preliminary field review and inspection for bidding purposes only. The quantity for this item is based on current information available. Pipe Rehabilitation quantity may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price for this item and are not subject to change. Actual quantities needed for Pipe Rehabilitation will be determined by the Engineer.</p> <p>E. Includes restoration of access and staging areas.</p>	
15	02615002*	Contractor Selected Pipe Rehabilitation - 30 Inch (Contingency Item)	foot
		<p>A. Measured along centerline of pipe.</p> <p>B. Includes all labor, equipment, coordination, and materials to complete pipe rehabilitation.</p> <p>C. No separate payment will be made for required inspection and testing.</p> <p>D. Estimated quantities are based on preliminary field review and inspection for bidding purposes only. The quantity for this item is based on current information available. Pipe Rehabilitation quantity may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price for this item and are not subject to change. Actual quantities needed for Pipe Rehabilitation will be determined by the Engineer.</p> <p>E. Includes restoration of access and staging areas.</p>	
16	02615003*	Contractor Selected Pipe Rehabilitation - 36 Inch (Contingency Item)	foot
		<p>A. Measured along centerline of pipe.</p> <p>B. Includes all labor, equipment, coordination, and materials to complete pipe rehabilitation.</p> <p>C. No separate payment will be made for required inspection and testing.</p> <p>D. Estimated quantities are based on preliminary field review and inspection for bidding purposes only. The quantity for this item is based on current information available. Pipe Rehabilitation quantity may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price for this item and are not subject to change. Actual quantities needed for Pipe Rehabilitation will be determined by the Engineer.</p> <p>E. Includes restoration of access and staging areas.</p>	
17	02620001*	Clean Drainage Structure	foot
18	02633026D	Concrete Drainage Structure - Precast - CB 12- 2 1/2 ft. wide x 4 ft. long x 4 ft deep	each
19	026330390	Concrete Apron, Type A - CB 6B	each
20	02721001P	Untreated Base Course - Shouldering (Contingency Item)	foot
		<p>Paid by the lineal foot and measure along the edge of pavement. Includes all labor, materials, and equipment needed to place, finish, and compact a 1 inch deep by 4 feet wide shouldering section of Untreated Base Course, adjacent to the edge of pavement, as per Shouldering Detail shown on sheet DT-01. Includes surface preparation and grading up to 4 feet from edge of pavement.</p> <p>Estimated quantities are based on preliminary field review and inspection for bidding purposes only. The quantity for this item is based on current information available. Shouldering quantity may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price for this item and are not subject to change. Actual quantities needed for Shouldering will be determined by the Engineer.</p>	
21	02737001*	Asphalt Pavement Soft Spot Repair - Type A	square yard
		Includes all labor, materials, and equipment incidental to the Soft Spot Repair. Including asphalt removal, hauling, disposal of excavated material, placement, compaction, and HMA. Estimated quantities are based on preliminary field review for bidding purposes only. Actual quantities needed for repair will be determined by the Engineer. HMA Soft Spot Repair may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price.	
22	02737002*	Asphalt Pavement Soft Spot Repair - Type B	square yard
		Includes all labor, materials, and equipment incidental to the Soft Spot Repair. Including roadway excavation, hauling, disposal of excavated material, placement, installation of geotextile fabric, new untreated base course, compaction, and HMA. Estimated quantities are based on preliminary field review for bidding purposes only. Actual quantities needed for repair will be determined by the Engineer. HMA Soft Spot Repair may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price.	
23	02737003*	Expansion Relief	square yard
		Includes all labor, materials, and equipment incidental to the Expansion Relief. Including roadway excavation, hauling, disposal of excavated material, placement, new untreated base course (where needed), compaction, and HMA. Includes tension release and re-tensioning of cable barrier as needed to access work zone. Limits of relief joint repair may be adjusted to outside lane and shoulder where concrete barrier or guardrail impedes access to inside lane and shoulder as determined by the Engineer. Estimated quantities are based on	

Measurement and Payment

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Item #	Bid Item Number	Bid Item Name	UOM
		preliminary field review for bidding purposes only. Actual quantities needed for Expansion Relief will be determined by the Engineer. Expansion Relief may be reduced, deleted, or increased beyond the bid quantities listed in the contract. Actual quantities placed will be paid at the contract unit price.	
24	02744004*	SMA - 1/2 inch	ton
		Includes aggregates, asphalt binder, hydrated lime, and other additives, etc. Tack coat to be paid under a separate Emulsified Asphalt CSS-1H pay item.	
25	02748006P	Emulsified Asphalt CSS-1H	ton
26	027610023	Longitudinal Rumble Strip - Asphalt	foot
		Gaps are not paid for. Includes CSS-1h for flush coat.	
27	027610035	Continuous Longitudinal Rumble Strip - Asphalt	foot
		Includes CSS-1h for flush coat.	
28	029610025	Rotomilling - 1 1/2 Inch	square yard
		Calculated from length multiplied by the average finished width of rotomilled surface	
29	027650050	Pavement Marking Paint	gallon
30	027680110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)	each
		Each lane or shoulder by the 12 inch wide line in place. See Standard Drawings.	
31	02769006*	Grinding for Grooved in Pavement Markings	foot
32	028420010	Delineator Type I	each
		Includes removal and disposal of existing delineators.	
33	028420020	Delineator Type II	each
		Includes removal and disposal of existing delineators.	
34	028420030	Delineator - Culvert Marker	each
		Includes removal and disposal of existing delineators.	
35	028910020	Sign Type A-1	square foot
36	028910075	Sign Type A-2	square foot
		Non Standard size signs. Includes frame or mounting bar as required in SN Series Standard Drawings.	
37	02891008P	Sign Type A-2, 12 inch X 48 inch	each
		Includes frame or mounting bar as required in SN Series Standard Drawings.	
38	028910120	Sign Type A-2, 36 inch X 36 inch	each
		Includes frame or mounting bar as required in SN Series Standard Drawings.	
39	02891012P	Sign Type A-2, 36 inch X 18 inch	each
		Includes frame or mounting bar as required in SN Series Standard Drawings.	
40	028910270	Remove Sign Less Than 20 Square Feet	each
41	028910275	Remove Sign Greater Than or Equal to 20 Square Feet	each
42	028910320	Slipbase Sign Base (B3)	each
		Includes installation of top casting, stub base, concrete foundation, and core drilling as required by SN Series Standard Drawings.	
43	028910345	Sign Post Base (B6A) for Standard Pipe Posts	each
		Includes incline base, installation of concrete foundation, and hardware to mount base to post as required by SN Series Standard Drawings.	

Measurement and Payment

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Item #	Bid Item Number	Bid Item Name	UOM
44	028910350	Sign Post Base (B6B) For S Section Steel Posts	each
Includes base, installation of concrete foundation, and hardware to mount base to post as required by SN Series Standard Drawings.			
45	028910375	Sign Post P5	each
Includes post and all hardware to mount sign to post as required by SN Series Standard Drawings.			
46	028910405	Post S4 X 9.5	each
Includes post, base to post connection plate, fuse and splice plates, and all hardware to mount sign to post as required by SN Series Standard Drawings.			
47	028910410	Post S6 X 12.5	each
Includes post, post to base connection plate, fuse and splice plates, and all hardware to mount sign to post as required by SN Series Standard Drawings.			
48	028910415	Post S6 X 17.25	each
Includes post, post to base connection plate, fuse and splice plates, and all hardware to mount sign to post as required by SN Series Standard Drawings.			
49	028910420	Post S8 X 18.4	each
Includes post, post to base connection plate, fuse and splice plates, and all hardware to mount sign to post as required by SN Series Standard Drawings.			
50	028910455	Post 5 Inch Standard Pipe	each
Includes post, inclined post to base connection plate, and all hardware to mount sign to post as required by SN Series Standard Drawings.			
51	028910600	Sign Type PW-1	square foot
Non Standard size signs. Includes frame or "Z" bar as required in SN Series Standard Drawings.			
52	02891072P	Sign Type PW-1, 48 inch x 60 inch	each
Includes frame or "Z" bar as required in SN Series Standard Drawings.			
53	028910730	Sign Type PW-2	square foot
Non Standard size signs. Includes frame or "Z" bar as required in SN Series Standard Drawings.			

Summary Report

Project: F-180-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Detail	Alt Group	Alt #	Description	Qty	Unit
10 - ROADWAY	0	0			
Item Number	Description				
00830001U	On the Job Training			700	Hour
012850010	Mobilization			1	Lump
013150010	Public Information Services			1	Lump
01554000P	Traffic Control			1	Lump
01557001*	Maintenance of Traffic			1	Lump
015710025	Check Dam - 12 Inch Fiber Roll			500	ft
015710030	Silt Fence			1850	ft
015710075	Drop-Inlet Barrier - 18 Inch Fiber Roll			80	ft
015720020	Dust Control and Watering			80	1000 gal
02076001*	Armored Flexible Channel Liner			897	ft
02318001P	Small Ditch Excavation (Plan Quantity)			1275	cu yd
02610000P	Remote Video Inspection (Contingency Item)			3300	ft
026101616	18 Inch - Reinforced Concrete Pipe, Irrigation/Storm Drain, Class C			891	ft
02615001*	Contractor Selected Pipe Rehabilitation - 24 Inch (Contingency Item)			9932	ft
02615002*	Contractor Selected Pipe Rehabilitation - 30 Inch (Contingency Item)			230	ft
02615003*	Contractor Selected Pipe Rehabilitation - 36 Inch (Contingency Item)			402	ft
02620001*	Clean Drainage Structure			297	ft
02633026D	Concrete Drainage Structure - Precast - CB 12- 2 1/2 ft. wide x 4 ft. long x 4 ft deep			3	Each
026330390	Concrete Apron, Type A - CB 6B			3	Each
02721001P	Untreated Base Course - Shouldering (Contingency Item)			1800	ft
02737001*	Asphalt Pavement Soft Spot Repair - Type A			2666	sq yd
02737002*	Asphalt Pavement Soft Spot Repair - Type B			1333	sq yd
02737003*	Expansion Relief			1634	sq yd
02744004*	SMA - 1/2 inch			43493	Ton

Summary Report

Project: F-I80-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Detail	Alt Group	Alt #	Description	Qty	Unit
10 - ROADWAY	0	0			
Item Number	Description			Qty	Unit
02748006P	Emulsified Asphalt CSS-1H			262	Ton
027610023	Longitudinal Rumble Strip - Asphalt			82404	ft
027610035	Continuous Longitudinal Rumble Strip - Asphalt			116265	ft
029610025	Rotomilling - 1 1/2 Inch			533247	sq yd

Detail	Alt Group	Alt #	Description	Qty	Unit
40 - SIGNING	0	0			
Item Number	Description			Qty	Unit
027650050	Pavement Marking Paint			2968	gal
027680110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)			4	Each
02769006*	Grinding for Grooved in Pavement Markings			278286	ft
028420010	Delineator Type I			513	Each
028420020	Delineator Type II			56	Each
028420030	Delineator - Culvert Marker			260	Each
028910020	Sign Type A-1			60	sq ft
028910075	Sign Type A-2			120	sq ft
02891008P	Sign Type A-2, 12 inch X 48 inch			11	Each
028910120	Sign Type A-2, 36 inch X 36 inch			2	Each
02891012P	Sign Type A-2, 36 inch X 18 inch			2	Each
028910270	Remove Sign Less Than 20 Square Feet			10	Each
028910275	Remove Sign Greater Than or Equal to 20 Square Feet			13	Each
028910320	Slipbase Sign Base (B3)			10	Each
028910345	Sign Post Base (B6A) for Standard Pipe Posts			2	Each
028910350	Sign Post Base (B6B) For S Section Steel Posts			16	Each
028910375	Sign Post P5			10	Each
028910405	Post S4 X 9.5			6	Each

Summary Report

Project: F-I80-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Detail	Alt Group	Alt #	Description	Qty	Unit
40 - SIGNING	0	0			
Item Number	Description			Qty	Unit
028910410	Post S6 X 12.5			4	Each
028910415	Post S6 X 17.25			2	Each
028910420	Post S8 X 18.4			4	Each
028910455	Post 5 Inch Standard Pipe			2	Each
028910600	Sign Type PW-1			111	sq ft
02891072P	Sign Type PW-1, 48 inch x 60 inch			1	Each
028910730	Sign Type PW-2			1370	sq ft

Detail	Alt Group	Alt #	Description	Qty	Unit
180 - TIME AND/OR LANE RENTAL	0	0			
Item Number	Description			Qty	Unit
00221000*	Contract Time				Day
	Minimum Days: 90	Maximum Days: 120			

Detailed Report

F-I80-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

10 - ROADWAY

Alt Group: 0 Alt #: 0

Item Number	Description				Use Qty	Unit
02076001*	Armored Flexible Channel Liner				897	ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
EB	190.38		190.52		897.0	See sheets DT-03 and DT-04
					897.0	

02318001P	Small Ditch Excavation (Plan Quantity)				1,275	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
DT-13	186.4				60.0	Approx. 30 feet of channel cleaning between EB I-80 and the Frontage Rd
DT-14	190.15				121.0	Approx 90 feet of channel cleaning downstream of box culvert
DT-15	191.2				1,094.0	Clean concrete lined channel
					1,275.0	

Detailed Report

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Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

10 - ROADWAY

Alt Group: 0 Alt #: 0

Item Number	Description				Use Qty	Unit
02615001*	Contractor Selected Pipe Rehabilitation - 24 Inch (Contingency Item)				9,932	ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
EB	185.8				100.5	No segmental liners
EB	185.9				95.9	No segmental liners
EB	185.975				98.1	No segmental liners
EB	186.1				91.9	No segmental liners
EB	186.236				92.0	No segmental liners
EB	186.312				90.0	No segmental liners
EB	186.406				90.0	No segmental liners
EB	186.62				104.0	No segmental liners
EB	186.753				81.4	No segmental liners
EB	187.043				79.7	No segmental liners, Cut opening in liner at lateral pipe connection
EB	187.188				90.4	No segmental liners
EB	187.38				84.0	No segmental liners
EB	187.482				96.4	No segmental liners
EB	187.687				111.8	No segmental liners
EB	196.369				118.1	No segmental liners
Ranch Exit	187.732-2		187.732-1		38.0	No segmental liners
Ranch Exit	Open End 5		187.732-5		75.1	No segmental liners
Ranch Exit	Open End 6		187.732-6		125.7	No segmental liners
WB	185.8				74.7	No segmental liners
WB	185.9				76.4	
WB	185.975				83.3	No segmental liners
WB	186.1				84.5	No segmental liners
WB	186.236				79.3	No segmental liners
WB	186.312				94.9	No segmental liners
WB	186.62				104.0	
WB	186.753				95.1	No segmental liners
WB	187.043				99.8	No segmental liners
WB	187.188				97.8	No segmental liners
WB	190.43				104.3	No segmental liners
WB	190.84				173.2	No segmental liners
WB	192.116				102.9	
WB	192.61				106.1	No segmental liners
WB	192.767				95.4	
WB	193.013				88.8	No segmental liners
WB	195.55				120.6	
WB	195.65				116.6	No segmental liners
WB	196.369				148.4	

Detailed Report

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Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
WB & EB	-				3,300.0	Uninspected Pipe - Locations in Section 00725, Table 1
WB & EB	186.942				176.9	
WB & EB	187.124				188.2	No segmental liners
WB & EB	192.313				193.7	Cut liner to restore median riser inlet connection
WB & EB	193.49				207.5	Cut liner to restore median riser inlet connection
WB & EB	193.605				250.5	Cut liner to restore median riser inlet connection
WB & EB	194.085				222.6	Cut liner to restore median riser inlet connection
WB & EB	194.174				233.8	Cut liner to restore median riser inlet connection
WB & EB	194.28				186.8	No segmental liners, Cut liner to restore median riser inlet connection
WB & EB	194.413				196.6	No segmental liners, Cut liner to restore median riser inlet connection
WB & EB	194.64				200.1	Cut liner to restore median riser inlet connection
WB & EB	194.798				192.8	No segmental liners, Cut liner to restore median riser inlet connection
WB & EB	194.994				220.6	Cut liner to restore median riser inlet connection
WB & EB	195.231				175.8	No segmental liners, Cut liner to restore median riser inlet connection
WB & EB	195.8				169.2	No segmental liners, Cut liner to restore median riser inlet connection
WB & EB	196.17				207.9	Cut liner to restore median riser inlet connection
					9,932.1	

02615002* Contractor Selected Pipe Rehabilitation - 30 Inch (Contingency Item) 230 ft

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
WB & EB	193.806				230.0	Cut liner to restore median riser inlet connection
					230.0	

02615003* Contractor Selected Pipe Rehabilitation - 36 Inch (Contingency Item) 402 ft

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
WB & EB	192.4A				199.4	
WB & EB	192.4B				202.5	
					401.9	

Detailed Report

F-180-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

10 - ROADWAY

Alt Group: 0 Alt #: 0

Item Number	Description					Use Qty	Unit
02620001*	Clean Drainage Structure					297	ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
EB	190.15				88.0	Structure E-1180	
EB & WB	187.25				209.0	Structure E-2106	
					297.0		
 02721001P	 Untreated Base Course - Shouldering (Contingency Item)					 1,800	 ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
I-80 EB	185.67		196.68		900.0		
I-80 WB	185.67		196.68		900.0		
					1,800.0		

Detailed Report

F-180-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

10 - ROADWAY

Alt Group: 0 Alt #: 0

Item Number	Description	Use Qty	Unit			
02737003*	Expansion Relief	1,634	sq yd			
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
I-80 EB	185.7				33.8	
I-80 EB	186.0				33.8	
I-80 EB	186.5				35.6	
I-80 EB	187.0				35.6	
I-80 EB	187.5				33.8	
I-80 EB	188.0				40.9	
I-80 EB	188.5				33.8	
I-80 EB	189.0				35.6	
I-80 EB	189.5				35.6	
I-80 EB	190.0				35.6	
I-80 EB	190.4				34.9	
I-80 EB	191.0				35.6	
I-80 EB	191.4				35.6	
I-80 EB	191.9				40.9	
I-80 EB	192.5				33.8	
I-80 EB	193.0				33.8	
I-80 EB	193.7				33.8	
I-80 EB	194.0				33.8	
I-80 EB	194.5				33.8	
I-80 EB	195.0				33.8	
I-80 EB	195.5				38.2	
I-80 EB	196.0				38.2	
I-80 EB	196.5				33.8	
I-80 WB	185.7				33.8	
I-80 WB	186.0				33.8	
I-80 WB	186.5				33.8	
I-80 WB	187.0				33.8	
I-80 WB	187.5				40.9	
I-80 WB	188.0				40.9	
I-80 WB	188.5				33.8	
I-80 WB	189.0				33.8	
I-80 WB	189.5				39.1	
I-80 WB	190.0				39.1	
I-80 WB	190.4				39.1	
I-80 WB	191.0				33.8	
I-80 WB	191.3				40.9	
I-80 WB	191.9				39.1	

Detailed Report

F-I80-4(159)186

Version: 1

I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
I-80 WB	192.5				33.8	
I-80 WB	193.0				33.8	
I-80 WB	193.7				33.8	
I-80 WB	194.0				33.8	
I-80 WB	194.6				33.8	
I-80 WB	195.0				33.8	
I-80 WB	195.7				33.8	
I-80 WB	196.0				33.8	
I-80 WB	196.5				33.8	
					<hr/>	
					1,634.0	

027610023 **Longitudinal Rumble Strip - Asphalt**

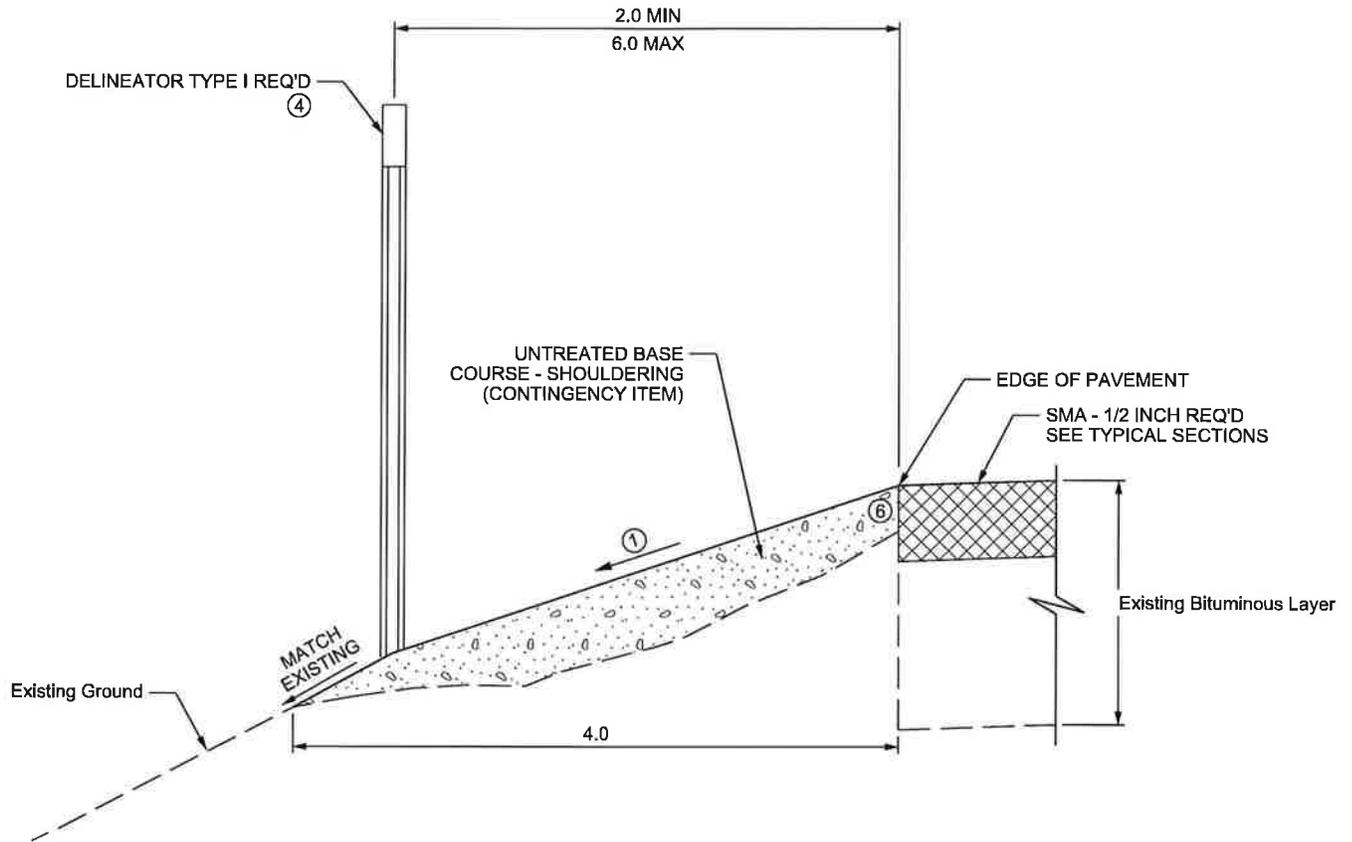
82,404 ft

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
I-80 EB	185.67		187.51		7,795.0	
I-80 EB	187.70		187.85		607.0	
I-80 EB	188.27		191.40		13,203.0	
I-80 EB	191.60		191.78		756.0	
I-80 EB	192.17		196.49		18,159.0	
I-80 EB	196.55		196.68		688.0	
I-80 WB	185.67		187.23		6,627.0	
I-80 WB	187.70		187.85		594.0	
I-80 WB	188.03		191.10		12,966.0	
I-80 WB	191.58		191.79		878.0	
I-80 WB	191.94		196.68		20,131.0	
					<hr/>	
					82,404.0	

027610035 **Continuous Longitudinal Rumble Strip - Asphalt**

116,265 ft

Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment
I-80 EB	185.67		196.68		58,112.0	
I-80 WB	185.67		196.68		58,153.0	
					<hr/>	
					116,265.0	



SHOULDERING DETAIL

NOTES:

- ① EXISTING SLOPES VARY. CONSTRUCT UNTREATED BASE COURSE AT A 6:1 OR FLATTER SLOPE FOR 4'.
- 2. DETAIL APPLIES TO ALL SHOULDERS.
- 3. NO CLEARING AND GRUBBING REQUIRED.
- ④ DELINEATOR TYPE I SHOWN, TYPE II, CULVERT MARKERS AND MAINTENANCE MARKERS SIMILAR.
- ⑤ FOR ESTIMATING PURPOSES, SHOULDERING IS BASED ON A 4 FT WIDE BY 1 IN THICK RECTANGLE. SHOULDERING IS PAID FOR BY THE LINEAR FOOT.
- ⑥ SHOULDERING REQUIRED IF GREATER THAN 1 INCH OR AS DIRECTED BY ENGINEER.



REVISIONS			
1	4/8/16	JDS	REVISE NOTE 5 FROM 4 IN TO 1 IN THICK RECTANGLE
NO.	DATE	APPROVED BY	REMARKS

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PIN:

4/8/2016

PIN 6997
PROJECT NO. F-I80-4(159)186

**I-80; CASTLE ROCK TO WYOMING STATE LINE
SHOULDERING DETAIL**

SHEET NO.
DT-01

Utah Department of Transportation Bidder's Schedule

Bid Opening Date: 4/21/2016

Region: REGION 2

Project Number: F-I80-4(159)186

County: SUMMIT

PIN Description: I-80; Castle Rock to Wyoming State Line

Concept: Minor Rehabilitation - Roadway

Location: I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Funding: FEDERAL

Bid Items Version#: 3

DBE Goal: 3.00%

#	Item	Description	Quantity	Unit
10 - ROADWAY				
1	00830001U	On the Job Training	700	hour
2	012850010	Mobilization	1	lump sum
3	013150010	Public Information Services	1	lump sum
4	01554000P	Traffic Control	1	lump sum
5	01557001*	Maintenance of Traffic	1	lump sum
6	015710025	Check Dam - 12 Inch Fiber Roll	500	foot
7	015710030	Silt Fence	1850	foot
8	015710075	Drop-Inlet Barrier - 18 Inch Fiber Roll	80	foot
9	015720020	Dust Control and Watering	80	1000 gallons
10	02076001*	Armored Flexible Channel Liner	897	foot
11	02318001P	Small Ditch Excavation (Plan Quantity)	1275	cubic yard
12	02610000P	Remote Video Inspection (Contingency Item)	3300	foot
13	026101616	18 Inch - Reinforced Concrete Pipe, Irrigation/Storm Drain, Class C	891	foot
14	02615001*	Contractor Selected Pipe Rehabilitation - 24 Inch (Contingency Item)	9932	foot
15	02615002*	Contractor Selected Pipe Rehabilitation - 30 Inch (Contingency Item)	230	foot
16	02615003*	Contractor Selected Pipe Rehabilitation - 36 Inch (Contingency Item)	402	foot
17	02620001*	Clean Drainage Structure	297	foot
18	02633026D	Concrete Drainage Structure - Precast - CB 12- 2 1/2 ft. wide x 4 ft. long x 4 ft deep	3	each
19	026330390	Concrete Apron, Type A - CB 6B	3	each
20	02721001P	Untreated Base Course - Shouldering (Contingency Item)	1800	foot
21	02737001*	Asphalt Pavement Soft Spot Repair - Type A	2666	square yard
22	02737002*	Asphalt Pavement Soft Spot Repair - Type B	1333	square yard
23	02737003*	Expansion Relief	1634	square yard
24	02744004*	SMA - 1/2 inch	43493	ton
25	02748006P	Emulsified Asphalt CSS-1H	262	ton
26	027610023	Longitudinal Rumble Strip - Asphalt	82404	foot
27	027610035	Continuous Longitudinal Rumble Strip - Asphalt	116265	foot
28	029610025	Rotomilling - 1 1/2 Inch	533247	square yard

40 - SIGNING

29	027650050	Pavement Marking Paint	2968	gallon
30	027680110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)	4	each
31	02769006*	Grinding for Grooved in Pavement Markings	278286	foot
32	028420010	Delineator Type I	513	each
33	028420020	Delineator Type II	56	each
34	028420030	Delineator - Culvert Marker	260	each
35	028910020	Sign Type A-1	60	square foot
36	028910075	Sign Type A-2	120	square foot
37	02891008P	Sign Type A-2, 12 inch X 48 inch	11	each

Note: Item numbers ending with "" or "P" identify a change to the Standard Specification, Supplemental Specifications or Measurement and payment. Read all related documents carefully.

Utah Department of Transportation Bidder's Schedule

Bid Opening Date: 4/21/2016

Region: REGION 2

Project Number: F-I80-4(159)186

County: SUMMIT

PIN Description: I-80; Castle Rock to Wyoming State Line

Concept: Minor Rehabilitation - Roadway

Location: I-80; MP 185.67 - 196.66 & I-80; MP 185.67 - 196.68

Funding: FEDERAL

Bid Items Version#: 3

DBE Goal:

#	Item	Description	Quantity	Unit
40 - SIGNING				
38	028910120	Sign Type A-2, 36 inch X 36 inch	2	each
39	02891012P	Sign Type A-2, 36 inch X 18 inch	2	each
40	028910270	Remove Sign Less Than 20 Square Feet	10	each
41	028910275	Remove Sign Greater Than or Equal to 20 Square Feet	13	each
42	028910320	Slipbase Sign Base (B3)	10	each
43	028910345	Sign Post Base (B6A) for Standard Pipe Posts	2	each
44	028910350	Sign Post Base (B6B) For S Section Steel Posts	16	each
45	028910375	Sign Post P5	10	each
46	028910405	Post S4 X 9.5	6	each
47	028910410	Post S6 X 12.5	4	each
48	028910415	Post S6 X 17.25	2	each
49	028910420	Post S8 X 18.4	4	each
50	028910455	Post 5 Inch Standard Pipe	2	each
51	028910600	Sign Type PW-1	111	square foot
52	02891072P	Sign Type PW-1, 48 inch x 60 inch	1	each
53	028910730	Sign Type PW-2	1370	square foot
180 - TIME AND/OR LANE RENTAL				
54	00221000*	Contract Time	Date Range: 90 - 120	0 day

Note: Item numbers ending with "" or "P" identify a change to the Standard Specification, Supplemental Specifications or Measurement and payment. Read all related documents carefully.